



The Sullair Interim Tier 4 1600H Family of Portable Air Compressors

MODEL 1300HH
1300 cfm at 200 psig
36.8 m³/min at 14 bar

MODEL 1450HH
1450 cfm at 175 psig
41.1 m³/min at 12 bar

MODEL 1600H
1600 cfm at 150 psig
45.3 m³/min at 10 bar


SULLAIR[®]
an **Accudyne** company

Designed for Total Accessibility and Reliability

Gauges and a LCD graphic display on the controller indicate:

- Discharge pressure and temperature
- Ambient air temperature
- Separator restriction
- Aftercooler air temperature
- Engine speed
- Hours of operation
- Voltage
- Engine coolant temperature
- Engine coolant low-level shutdown
- Fuel level and usage rate
- Fuel pressure and temperature
- Percent engine load
- Engine air temperature
- Engine oil pressure
- Engine exhaust module soot level
- Engine boost pressure
- Compressor and engine status

Additional Controller Features

- Engine diagnostic service port
- Diagnostic messages displayed on LCD screen
- Retrievable shutdown history includes all monitored system parameters at time of shutdown

- Back lit switches and gauges for night use
- E-stop, and auto and remote start capability
- Indicator lights for:
 - Low fuel
 - High compressor temperature
 - compressor shutdown and warning
 - Engine shutdown and warning
 - Low fuel shutdown

0 to 100% Capacity Control

- Automatic inlet valve and unloaded starting

Complete Fluid Containment

- Heavy duty frame with complete fluid containment
- Bulkhead drain valves for all fluids are provided

Improved Serviceability

- Double doors on both sides of the compressor
- Serviceable components within easy reach

Two-Stage Dry Type Air Filters

- Filters incorporate safety elements and are positioned to draw cool ambient air

Two Mounting Options

- Highway towable tandem-axle (with Torflex® axles) includes electric brakes, oil bath wheel bearings, wheel chocks, restraining tow chains
- Less running gear on mounting rails with fork pockets

Low Emissions Engine Technology

- Complies with interim Tier 4 emissions legislation

Air End Warranty

- 5-year or 10,000-hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and filters

Quiet Operation

- Meets US EPA sound requirements of 76 dBA@7 meters

Additional Features

- No stacked coolers - allows for easy cleaning
- Cooler access panels
- Cold box design
- Fuel cooler is standard
- Single point lift
- Cabin lights

- (4) Heavy Duty Frame tie-downs
- Dedicated d-ring for service hose safety lanyard
- Controls at cold end of package
- Additional 3/4" discharge valves
- Strobe light and siren provide visual and audible alerts for warning conditions
- Durable powder coat finish
- Galvanized canopy panels
- Remote fuel fill
- Stacked fuel valve for switching between internal and external tanks

Customize the compressor to meet your specific requirement with Sullair options:

- Fork truck pockets
- Engine block heater
- Aftercooler
- Filtration for instrument quality air
- Spark arrestor muffler
- Aftercooler shutters
- Stainless steel canopy
- Air inlet shut-off valve
- Special paint

SULLAIR INTERIM TIER 4 1600H FAMILY OF PORTABLE AIR COMPRESSORS WEIGHTS AND DIMENSIONS

Designated Model	Weight (wet)		Weight (dry)		Length (drawbar)		Length (canopy)		Width		Height		Track Width		Tire Size (load range)
	lbs	kg	lbs	kg	in	mm	in	mm	in	mm	in	mm	in	mm	
Tandem Axle (DTQ)	21000	9525	19000	8618	262	6655	210	5334	102	2591	101	2565	91	2311	245/70R17.5 (H)
Less Running Gear (DLQ)	20000	9072	18000	8165	-	-	210	5334	90	2286	86	2184	-	-	

ENGINE SPECIFICATIONS

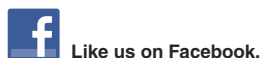
Engine Make	Engine Type	Engine Model	Displacement		Cylinders	Bore and Stroke		Rated Speed	Rated Power	
			in ³	liter		in	mm	rpm	hp	kW
Caterpillar (Interim Tier 4 Emission Compliant)	Diesel	C15	928	15.2	6	5.40 x 6.7	137 x 170	1800	540 hp	403

MODELS AND RATINGS

Delivery @ Rated Pressure	Rated Pressure	Pressure Range	Delivery @ Rated Pressure	Rated Pressure	Pressure Range
MODEL 1300HH 1300 acfm 613 l/s 36.8 m ³ /min	200 psig 14 bar	85-200 psig 5.8-14 bar	MODEL 1600H 1600 acfm 755 l/s 45.3 m ³ /min	150 psig 10 bar	85-150 psig 5.8-10 bar
MODEL 1450HH 1450 acfm 685 l/s 41.1 m ³ /min	175 psig 12 bar	85-175 psig 5.8-12 bar	<i>Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)</i>		



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